

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/652,791B  
JFW/16  
10/3/06

Source:

Date Processed by STIC:

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

**ERROR DETECTED****SUGGESTED CORRECTION****SERIAL NUMBER:**

*10/652,791 B*

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- 1  Wrapped Nucleics      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2  Invalid Line Length      The rules require that a line **not exceed 72 characters** in length. This includes white spaces.
- 3  Misaligned Amino Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4  Non-ASCII      The submitted file was **not saved in ASCII(DOS) text**, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5  Variable Length      Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6  PatentIn 2.0 "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7  Skipped Sequences (OLD RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8  Skipped Sequences (NEW RULES)      Sequence(s) \_\_\_\_\_ missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9  Use of n's or Xaa's (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10  Invalid <213> Response      Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11  Use of <220>      Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12  PatentIn 2.0 "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13  Misuse of n/Xaa      "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt  
 Output Set: N:\CRF4\10032006\J652791B.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4       McSwiggen, James  
 5       Chowrira, Bharat  
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet-Derived  
 8       Endothelial Cell Growth Factor (ECGF1) Gene Expression Using  
 9       Short Interfering Nucleic Acid (siNA)  
 11 <130> FILE REFERENCE: 400/126 (MBHB 03-332-B) (pg.11)  
 13 <140> CURRENT APPLICATION NUMBER: US 10/652,791B  
 14 <141> CURRENT FILING DATE: 2003-08-29  
 16 <150> PRIOR APPLICATION NUMBER: US 10/422,704  
 17 <151> PRIOR FILING DATE: 2003-04-24  
 19 <150> PRIOR APPLICATION NUMBER: US 10/417,012  
 20 <151> PRIOR FILING DATE: 2003-04-16  
 22 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05346  
 23 <151> PRIOR FILING DATE: 2003-02-20  
 25 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05028  
 26 <151> PRIOR FILING DATE: 2003-02-20  
 28 <150> PRIOR APPLICATION NUMBER: US 60/358,580  
 29 <151> PRIOR FILING DATE: 2002-02-20  
 31 <150> PRIOR APPLICATION NUMBER: US 60/363,124  
 32 <151> PRIOR FILING DATE: 2002-03-11  
 34 <150> PRIOR APPLICATION NUMBER: US 60/386,782  
 35 <151> PRIOR FILING DATE: 2002-06-06  
 37 <150> PRIOR APPLICATION NUMBER: US 60/406,784  
 38 <151> PRIOR FILING DATE: 2002-08-29  
 40 <150> PRIOR APPLICATION NUMBER: US 60/408,378  
 41 <151> PRIOR FILING DATE: 2002-09-05  
 43 <150> PRIOR APPLICATION NUMBER: US 60/409,293  
 44 <151> PRIOR FILING DATE: 2002-09-09  
 46 <150> PRIOR APPLICATION NUMBER: US 60/440,129  
 47 <151> PRIOR FILING DATE: 2003-01-15  
 49 <160> NUMBER OF SEQ ID NOS: 225  
 51 <170> SOFTWARE: PatentIn version 3.2  
 53 <210> SEQ ID NO: 1  
 54 <211> LENGTH: 19  
 55 <212> TYPE: RNA  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 61 <400> SEQUENCE: 1  
 62 cccgcccgcg gcaguggac  
 65 <210> SEQ ID NO: 2  
 66 <211> LENGTH: 19

Does Not Comply  
 Corrected Diskette Needed

(pg.10) ✓

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

67 <212> TYPE: RNA  
 68 <213> ORGANISM: Artificial Sequence  
 70 <220> FEATURE:  
 71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 73 <400> SEQUENCE: 2  
 74 ccgcuauugcg cgaaccug 19  
 77 <210> SEQ ID NO: 3  
 78 <211> LENGTH: 19  
 79 <212> TYPE: RNA  
 80 <213> ORGANISM: Artificial Sequence  
 82 <220> FEATURE:  
 83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 85 <400> SEQUENCE: 3  
 86 gaacccuacg gucccgacc 19  
 89 <210> SEQ ID NO: 4  
 90 <211> LENGTH: 19  
 91 <212> TYPE: RNA  
 92 <213> ORGANISM: Artificial Sequence  
 94 <220> FEATURE:  
 95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 97 <400> SEQUENCE: 4  
 98 ccgcgggcga ggccggua 19  
 101 <210> SEQ ID NO: 5  
 102 <211> LENGTH: 19  
 103 <212> TYPE: RNA  
 104 <213> ORGANISM: Artificial Sequence  
 106 <220> FEATURE:  
 107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 109 <400> SEQUENCE: 5  
 110 accuggggcug ggauccgga 19  
 113 <210> SEQ ID NO: 6  
 114 <211> LENGTH: 19  
 115 <212> TYPE: RNA  
 116 <213> ORGANISM: Artificial Sequence  
 118 <220> FEATURE:  
 119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 121 <400> SEQUENCE: 6  
 122 agcaagcggg cgaggcag 19  
 125 <210> SEQ ID NO: 7  
 126 <211> LENGTH: 19  
 127 <212> TYPE: RNA  
 128 <213> ORGANISM: Artificial Sequence  
 130 <220> FEATURE:  
 131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 133 <400> SEQUENCE: 7  
 134 gcgccuaag caggccgg 19  
 137 <210> SEQ ID NO: 8

138 <211> LENGTH: 19  
139 <212> TYPE: RNA

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt  
 Output Set: N:\CRF4\10032006\J652791B.raw

140 <213> ORGANISM: Artificial Sequence  
 142 <220> FEATURE:  
 143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 145 <400> SEQUENCE: 8  
 146 gagcgauggc agccuugau 19  
 149 <210> SEQ ID NO: 9  
 150 <211> LENGTH: 19  
 151 <212> TYPE: RNA  
 152 <213> ORGANISM: Artificial Sequence  
 154 <220> FEATURE:  
 155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 157 <400> SEQUENCE: 9  
 158 ugaccccgaa accggggc 19  
 161 <210> SEQ ID NO: 10  
 162 <211> LENGTH: 19  
 163 <212> TYPE: RNA  
 164 <213> ORGANISM: Artificial Sequence  
 166 <220> FEATURE:  
 167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 169 <400> SEQUENCE: 10  
 170 ccccacccgc gccugguga 19  
 173 <210> SEQ ID NO: 11  
 174 <211> LENGTH: 19  
 175 <212> TYPE: RNA  
 176 <213> ORGANISM: Artificial Sequence  
 178 <220> FEATURE:  
 179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 181 <400> SEQUENCE: 11  
 182 acuuucuccgg ggaagggag 19  
 185 <210> SEQ ID NO: 12  
 186 <211> LENGTH: 19  
 187 <212> TYPE: RNA  
 188 <213> ORGANISM: Artificial Sequence  
 190 <220> FEATURE:  
 191 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 193 <400> SEQUENCE: 12  
 194 gccaggacu ucccgacc 19  
 197 <210> SEQ ID NO: 13  
 198 <211> LENGTH: 19  
 199 <212> TYPE: RNA  
 200 <213> ORGANISM: Artificial Sequence  
 202 <220> FEATURE:  
 203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 205 <400> SEQUENCE: 13  
 206 cuucgccaga gcccaagca 19  
 209 <210> SEQ ID NO: 14  
 210 <211> LENGTH: 19

211 <212> TYPE: RNA  
212 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

214 <220> FEATURE:  
 215 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 217 <400> SEQUENCE: 14  
 218 agcucccgga gcugauccg 19  
 221 <210> SEQ ID NO: 15  
 222 <211> LENGTH: 19  
 223 <212> TYPE: RNA  
 224 <213> ORGANISM: Artificial Sequence  
 226 <220> FEATURE:  
 227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 229 <400> SEQUENCE: 15  
 230 gcaugaagcg agacggagg 19  
 233 <210> SEQ ID NO: 16  
 234 <211> LENGTH: 19  
 235 <212> TYPE: RNA  
 236 <213> ORGANISM: Artificial Sequence  
 238 <220> FEATURE:  
 239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 241 <400> SEQUENCE: 16  
 242 gccgcugag cgaagcgga 19  
 245 <210> SEQ ID NO: 17  
 246 <211> LENGTH: 19  
 247 <212> TYPE: RNA  
 248 <213> ORGANISM: Artificial Sequence  
 250 <220> FEATURE:  
 251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 253 <400> SEQUENCE: 17  
 254 acaucagggg cuucguggc 19  
 257 <210> SEQ ID NO: 18  
 258 <211> LENGTH: 19  
 259 <212> TYPE: RNA  
 260 <213> ORGANISM: Artificial Sequence  
 262 <220> FEATURE:  
 263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 265 <400> SEQUENCE: 18  
 266 ccgcuguggu gaaugggg 19  
 269 <210> SEQ ID NO: 19  
 270 <211> LENGTH: 19  
 271 <212> TYPE: RNA  
 272 <213> ORGANISM: Artificial Sequence  
 274 <220> FEATURE:  
 275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 277 <400> SEQUENCE: 19  
 278 ggcgcaggg cgcacagau 19  
 281 <210> SEQ ID NO: 20  
 282 <211> LENGTH: 19  
 283 <212> TYPE: RNA

284 <213> ORGANISM: Artificial Sequence  
286 <220> FEATURE:

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:42

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

289 &lt;400&gt; SEQUENCE: 20

290 ucggggccau gcugauaggc

19

293 &lt;210&gt; SEQ ID NO: 21

294 &lt;211&gt; LENGTH: 19

295 &lt;212&gt; TYPE: RNA

296 &lt;213&gt; ORGANISM: Artificial Sequence

298 &lt;220&gt; FEATURE:

299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

301 &lt;400&gt; SEQUENCE: 21

302 ccauccgacu ucggggcau

19

305 &lt;210&gt; SEQ ID NO: 22

306 &lt;211&gt; LENGTH: 19

307 &lt;212&gt; TYPE: RNA

308 &lt;213&gt; ORGANISM: Artificial Sequence

310 &lt;220&gt; FEATURE:

311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense région

313 &lt;400&gt; SEQUENCE: 22

314 uggaucugga ggagaccuc

19

317 &lt;210&gt; SEQ ID NO: 23

318 &lt;211&gt; LENGTH: 19

319 &lt;212&gt; TYPE: RNA

320 &lt;213&gt; ORGANISM: Artificial Sequence

322 &lt;220&gt; FEATURE:

323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

325 &lt;400&gt; SEQUENCE: 23

326 cggugcugac ccaggccc

19

329 &lt;210&gt; SEQ ID NO: 24

330 &lt;211&gt; LENGTH: 19

331 &lt;212&gt; TYPE: RNA

332 &lt;213&gt; ORGANISM: Artificial Sequence

334 &lt;220&gt; FEATURE:

335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

337 &lt;400&gt; SEQUENCE: 24

338 uggcucaguc gggacagca

19

341 &lt;210&gt; SEQ ID NO: 25

342 &lt;211&gt; LENGTH: 19

343 &lt;212&gt; TYPE: RNA

344 &lt;213&gt; ORGANISM: Artificial Sequence

346 &lt;220&gt; FEATURE:

347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

349 &lt;400&gt; SEQUENCE: 25

350 agcuggagug gccagaggc

19

353 &lt;210&gt; SEQ ID NO: 26

354 &lt;211&gt; LENGTH: 19

355 &lt;212&gt; TYPE: RNA

356 &lt;213&gt; ORGANISM: Artificial Sequence

358 <220> FEATURE:  
359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

101652,791B

Page 10

```
<210> 207  
<211> 21  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: siNA sense region  
  
<220>  
<221> misc_feature  
<222> (1)..(1)  
<223> 5'-3 attached terminal deoxyabasic moiety  
  
<220>  
<221> misc_feature  
<222> (21)..(21)  
<223> 3'-5 attached terminal deoxyabasic moiety  
  
<220>  
<221> misc_feature  
<222> (1)..(19)  
<223> n stands for any ribonucleotide  
  
<400> 207  
nnnnnnnnnn nnnnnnnn t
```

Invalid response

Which  
ribonucleotide  
does "N"  
represent?

21

See item #13

On error summary  
Sheet.

The type of errors shown exist throughout  
the Sequence listing. Please check subsequent  
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/03/2006  
PATENT APPLICATION: US/10/652,791B TIME: 10:37:43

Input Set : E:\03-332-B\_Sep 2006.txt  
Output Set: N:\CRF4\10032006\J652791B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:208; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:209; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:210; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:211; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:212; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:213; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:214; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:215; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:209; Line(s) 3349  
Seq#:210; Line(s) 3371  
Seq#:211; Line(s) 3398  
Seq#:212; Line(s) 3425  
Seq#:213; Line(s) 3452  
Seq#:214; Line(s) 3480  
Seq#:215; Line(s) 3507

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/652,791B

DATE: 10/03/2006

TIME: 10:37:43

Input Set : E:\03-332-B\_Sep 2006.txt

Output Set: N:\CRF4\10032006\J652791B.raw

L:3308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0  
L:3335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0  
L:3357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0  
L:3384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0  
L:3411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0  
L:3438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0  
L:3466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0  
L:3493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0  
L:3521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0